Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(("6049092") or ("20020024119")). PN.	USPAT; USOCR	OR	OFF	2005/09/14 09:17
L3	0	("20020024119").PN.	USPAT; USOCR	OR	OFF	2005/09/14 09:18
L4	1	"20020024119" ·	US-PGPUB; USPAT	OR	ON	2005/09/14 09:18
S1	854	257/384	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:27
S2	176	S1 and ((ti or titanium) with (ni or nickel))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:27
S3	136	S1 and ((ti or titanium) adj5 (ni or nickel))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:28
S4	3960	((257/640,642,649,651) or (438/761,763,778,780,781,783,786, 791,793,794)).CCLS.	USPAT; USOCR	OR	OFF	2005/09/09 12:29
S5	2094	S4 and (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4"))	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S6	756179	"6" and carbon	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S7	600	S5 and carbon	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S8	593.	S7 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/09 12:31
S9	109	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 12:33
S11	205	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:20
S12	3	(("6271594") or ("5866920") or ("6333547")).PN.	USPAT; USOCR	OR	OFF	2005/09/09 12:35
S13	3780	S4 and insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:55
S14	109	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:20

S15	110	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")) same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:09
S16	1991	S4 and insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")) near carbon)	US-PGPUB; USPAT	OR .	ON	2005/09/09 14:55
S17	0	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")) near carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:56
S18	11	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:56
S <u>1</u> 9	0	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")) near carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:10
S20	370	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")) containing carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:13
S21	0	S4 and "insulating film containing carbon" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:13
S22	110	S4 and "carbon" with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")))))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ÓR	ON	2005/09/09 15:22
S23	2172	S4 and (carbon adj doped (SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON .	2005/09/09 15:23
S24	2172	S4 and ("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	ON	2005/09/09 15:23
S25	2060077	S4 and insulating film("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:24

S26	387342	S4 and "insulating film"("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR .	ON	2005/09/09 15:24
S27	158	S4 and "insulating film" adj5 ("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:28
S28	2	S4 and ("carbon doped" near (SiN or (silicon adj nitride) or ("si.sub. 3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:28
S29	99	"metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 15:59
S30	1	"metal silicide" with "metal stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 15:59
S31	99	"metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12-11:21
S32	0	"metal on metal" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 16:02
S33	17	"metal stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:36
S34	1	"metal silicide layer" with "multiple-layered structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:10
S35	312	(SiN and carbon) with (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:38
S36	5	(SiN and carbon) adj4 (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:39
S37	518	(SiN with containing carbon) adj4 (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:49
S38	10	"silicon carbon nitride film"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:55
S39	1442639	insulating layer	US-PGPUB; USPAT	OR	ON	2005/09/12 12:27
S40	587	S39 and sicn	US-PGPUB; USPAT	OR	ON	2005/09/12 10:56
S41	3962	((257/640,642,649,651) or (438/761,763,778,780,781,783,786, 791,793,794)).CCLS.	USPAT; USOCR	OR	OFF	2005/09/12 11:05
S42	109	S41 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2005/09/12 11:09
S43	106	S42 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 11:10
S44	1	S43 and (carbon-doped with SiN)	US-PGPUB; USPAT	OR	ON	2005/09/12 11:09

545 126 st1 and (SICN or (SIN or (Silicon adj intride) or ("si.sub.3N.sub.4")) with carbon) US-PGPUB; USPAT ON 2005/09/12 11:10 546 122 st5 and (@ad<"20030805") US-PGPUB; USPAT OR ON 2005/09/12 12:08 547 2 st4 and "metal silicide" with "stacked structure" US-PGPUB; USPAT OR ON 2005/09/12 11:22 548 1 stacked structure" US-PGPUB; USPAT OR ON 2005/09/12 11:22 549 99 "metal silicide" with "stacked structure" US-PGPUB; USPAT OR ON 2005/09/12 11:23 550 87 st9 and (@ad<"20030805" or @riad<"20030805" or Wispat OR ON 2005/09/12 12:14 551 1042941 Insulating film US-PGPUB; USPAT OR ON 2005/09/12 12:14 553 1042941 Insulating adj film US-PGPUB; USPAT OR ON 2005/09/12 12:27 555 16672 S54 and carbon US-PGPUB; USPAT OR ON 2005/09/12 13:28 <							
S46 122 S45 and (@ad<"20030805") or oflad<"20030805")	S45	126	nitride) or ("si.sub.3N.sub.4")) with		OR	ON	2005/09/12 11:10
548 1 S41 and "metal stacked structure" USPAT 549 99 "metal silicide" with "stacked structure" US-PCPUB; USPAT OR ON 2005/09/12 11:22 550 87 549 and (@ad <"20030805") or @rlad <"20030805")	S46	122	S45 and (@ad<"20030805" or	•	OR	ON	2005/09/12 12:08
S49 99 "metal silicide" with "stacked US-PGPUB; OR ON 2005/09/12 13:39 S50 87 S49 and (@ad<"20030805")	S47	2		•	OR	ON	2005/09/12 11:22
Structure	S48	1	S41 and "metal stacked structure"		OR	ON	2005/09/12 11:22
S51 3	S49	99		•	OR	ON	2005/09/12 13:39
S52	S50	87		•	OR	ON	
S52 1042941 insulating film US-PGPUB; USPAT US-PGPUB; US	S51	3	(@ad<"20030805" or	•	OR	ON	2005/09/12 12:14
S53 1042941 insulating film US-PGPUB; USPAT US-PGPUB; US-PGP	S52	23		•	OR		2005/09/12 12:14
S54 52933 insulating adj film US-PGPUB; OR ON 2005/09/12 12:27	- (2. 19	@rlad<"20030805")				
SSF SSF	S53	1042941	insulating film		OR	ON	2005/09/12 12:27
S55 10672 S54 and carbon US-PGPUB; USPAT OR ON 2005/09/12 12:27 S56 6408 S55 and (chlorine or hydrogen) US-PGPUB; USPAT OR ON 2005/09/12 12:28 S57 284 S55 and (concentration adj (chlorine or hydrogen)) US-PGPUB; USPAT OR ON 2005/09/12 13:08 S58 2637418 (SiCN containing (H or hydrogen)) US-PGPUB; USPAT OR ON 2005/09/12 13:09 S59 115 (SiCN same (H or hydrogen)) US-PGPUB; USPAT OR ON 2005/09/12 13:26 S60 2 (SiCN same (H or hydrogen)with concentration) US-PGPUB; USPAT OR ON 2005/09/12 13:29 S61 831080 SiCNH film US-PGPUB; USPAT OR ON 2005/09/12 13:27 S62 2345384 Insulating film contains SiCNH US-PGPUB; USPAT OR ON 2005/09/12 13:27 S63 3 "Insulating film" with SiCNH US-PGPUB; OR ON 2005/09/12 13:39 ON 2005/09/12 13:39 S64 0 "stacked metal silicide structure" US-PGPUB; OR ON 2005/09/12 15:31 S65 2 "stacked metal layer structure" US-PGPUB; OR ON 2005/09/12 15:31	3	52933	insulating adj film		OR.	ON	2005/09/12 12:27
S57 284 S55 and (concentration adj (chlorine or hydrogen)) US-PGPUB; USPAT OR		10672	S54 and carbon	1	OR	ON	2005/09/12 12:27
S58 2637418 (Chlorine or hydrogen))	S56	6408	S55 and (chlorine or hydrogen)		\$4		2005/09/12 12:28
S59	S57	284			OR	ON	2005/09/12 13:08
S59 115 (SiCN same (H or hydrogen)) US-PGPUB; USPAT OR ON 2005/09/12 13:26 S60 2 (SiCN same (H or hydrogen)with concentration) US-PGPUB; USPAT OR ON 2005/09/12 13:09 S61 831080 SiCNH film US-PGPUB; USPAT OR ON 2005/09/12 13:27 S62 2345384 Insulating film contains SiCNH US-PGPUB; USPAT OR ON 2005/09/12 13:27 S63 3 "Insulating film" with SiCNH US-PGPUB; USPAT OR ON 2005/09/12 13:23 S64 0 "stacked metal silicide structure" US-PGPUB; USPAT OR ON 2005/09/12 13:39 S65 2 "stacked metal layer structure" US-PGPUB; OR OR ON 2005/09/12 15:31	S58						
Solution Concentration Concentration Concentration USPAT Concentration USPAT US-PGPUB; USPAT OR		1					2005/09/12 13:26
Solution State S	S60	2			OR	ON	2005/09/12 13:09
S63 3 "Insulating film" with SiCNH US-PGPUB; OR ON 2005/09/12 13:39 S65 2 "stacked metal layer structure" US-PGPUB; OR ON 2005/09/12 15:31	S61	831080	SiCNH film		OR	ON	2005/09/12 13:27
S64 0 "stacked metal silicide structure" US-PGPUB; USPAT US-PGPUB; USPAT US-PGPUB; OR ON 2005/09/12 13:39 S65 2 "stacked metal layer structure" US-PGPUB; OR ON 2005/09/12 15:31	S62	2345384	Insulating film contains SiCNH		OR	ON	2005/09/12 13:27
S65 2 "stacked metal layer structure" US-PGPUB; OR ON 2005/09/12 15:31	S63	3	"Insulating film" with SiCNH	•	OR	ON	2005/09/13 12:23
2 3 3 d c c c c c c c c c c c c c c c c c	S64	0	"stacked metal silicide structure"		OR	ON	2005/09/12 13:39
	S65	2	"stacked metal layer structure"	1	OR	ON	2005/09/12 15:31

S66	76	"Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")) with (H or hydrogen) with (C or carbon))	US-PGPUB; USPAT	OR	ON	2005/09/13 12:28
S67	0	"Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")) with (H or hydrogen) with (C or carbon) with (Cl or chlorine))	US-PGPUB; USPAT	OR	ON	2005/09/13 12:26
S68	64	("Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N. sub.4")) with (H or hydrogen) with (C or carbon))) and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/13 13:12
S69	4	("Insulating film" with ((SiCN with (H or hydrogen))) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:14
S70	33	((SiCN with (H or hydrogen)) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:31
S71	1	"20050009320"	US-PGPUB; USPAT	OR	ON	2005/09/13 13:32
S72	16	((SiCNH) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:57
S73	120	((SiN) with carbon with hydrogen and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:57